



Peak Oil

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TECHNICAL DATA

Remus Range

Extreme Pressure Industrial Gear Oils



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Remus Range

Extreme Pressure Industrial Gear Oils

A range of premium quality heavy duty industrial gear lubricants based on solvent refined, high viscosity index, solvent refined base stocks, fortified with a balanced additive system based on the modern Sulphur/Phosphorous Extreme Pressure package to provide superior load carrying and friction reducing properties. Enhanced with excellent oxidation and corrosion inhibitors, coupled with anti-foam, anti-wear characteristics.

Specifically developed to meet the stringent requirements of DIN 51517 Part 3 to produce a range of lubricants to cover a wide selection of industrial gear applications, including heavily or shock loaded gear units. Further applications will include Spur, Helicol, Beval, Hypoid and Worm boxes, as well as plain and rolling element bearings and both circulation systems where a lubricant of this type is specified.

They are approved to meet the performance requirements of most industrial gearbox manufacturers, including David Brown (S1.53.101 Table E). In addition they meet fully the gear specifications as laid down by US Steel and AGMA.

Performance Benefits

- ◆ *Excellent load carrying capacity, which tends to reduce gear tooth and bearing wear*

- ◆ *Outstanding oxidation and thermal stability, which serves to extend service life*
- ◆ *Very good water shedding properties reducing the likelihood of accelerated surface fatigue on gears and bearings*
- ◆ *Available in a wide range of viscosities to cater for the most varied and arduous applications*

Health and Safety

These grades are mineral oil based and should be handled in accordance with good standards of industrial hygiene. Further detailed information is available on request.

Storage

Drums should be stored on their sides in a clean dry place and protected from extremes of temperature, store >5°C

The information given is correct to the best of our knowledge. It is offered in good faith but without guarantee as the conditions and methods of use of our products are beyond our control.



Typical Physical Characteristics

Remus Grade	Kin. Visc @ 40°C	Kin. Visc. @ 100°C	Visc. Index	Specific Grav. @ 15°C	TAN (mgKOH/g)	TBN (mgKOH/g)	Foam Test (ml Max)	Pour Point °C	Flash Point °C (PMCC)	FZG Spur Gear Test	David Brown Gear No.	Timken Ok Load Kgs
10	10.60	2.62	78	0.872	0.24	<1.0	150/0-75/0-150/0	-25	165	Pass Stage 12	-	27 Min
32	31.70	5.35	98	0.874	0.24	<1.0	150/0-75/0-150/0	-20	206	Pass Stage 12	0E	27 Min
46	46.20	6.87	102	0.882	0.24	<1.0	150/0-75/0-150/0	-20	207	Pass Stage 12	1E	27 Min
68	66.50	8.61	100	0.884	0.24	<1.0	150/0-75/0-150/0	-20	215	Pass Stage 12	2E	27 Min
100	102.50	11.43	103	0.889	0.24	<1.0	150/0-75/0-150/0	-9	228	Pass Stage 12	3E	27 Min
150	151.0	14.62	99	0.892	0.24	<1.0	150/0-75/0-150/0	-9	250	Pass Stage 12	4E	27 Min
220	212.0	19.66	105	0.894	0.24	<1.0	150/0-75/0-150/0	-9	258	Pass Stage 12	5E	27 Min
320	323.0	24.61	97	0.900	0.24	<1.0	150/0-75/0-150/0	-9	262	Pass Stage 12	6E	27 Min
460	463.0	29.76	96	0.903	0.24	<1.0	150/0-75/0-150/0	-9	280	Pass Stage 12	7E	27 Min
680	686.0	33.32	86	0.902	0.24	<1.0	150/0-75/0-150/0	-8	280	Pass Stage 12	8E	27 Min
1000	1014.0	42.73	92	0.900	0.24	<1.0	150/0-75/0-150/0	-6	283	Pass Stage 12	9E	27 Min